

Title (en)

FUEL INJECTION CONTROLLER AND CONTROLLING METHOD

Title (de)

KRAFTSTOFFEINSPRITZSTEUERUNG UND STEUERVERFAHREN

Title (fr)

CONTROLEUR D'INJECTION DE CARBURANT ET PROCEDE DE COMMANDE

Publication

EP 1489290 B1 20080604 (EN)

Application

EP 03712847 A 20030324

Priority

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Abstract (en)

[origin: US2004134468A1] A fuel injection control apparatus and fuel injection method for injecting suitable fuel with quick response to required fuel injection amounts varying with every moment, while improving the energy efficiency, and enabling support for electromagnetic fuel injection apparatus. The apparatus is to control the electromagnetic fuel injection apparatus that pressurizes fuel to inject, and has driving means for driving a solenoid for fuel injection, driving signal generating means for generating a solenoid driving signal based on an injection cycle signal for specifying a fuel injection period and a PWM cycle signal to provide to the driving means, and control means for generating the PWM cycle signal with a duty ratio corresponding to a required fuel injection amount, and providing the PWM cycle signal and the injection cycle signal to the driving signal generating means.

IPC 8 full level

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KR 20040095146 A 20041112; TW 200305683 A 20031101; TW I259235 B 20060801; WO 03081008 A1 20031002

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